

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1256338

Luminaire Tested: P3AS02R559040DE010 E3DLD1WMH

Issue Date: 1/30/2026

**Test Information**

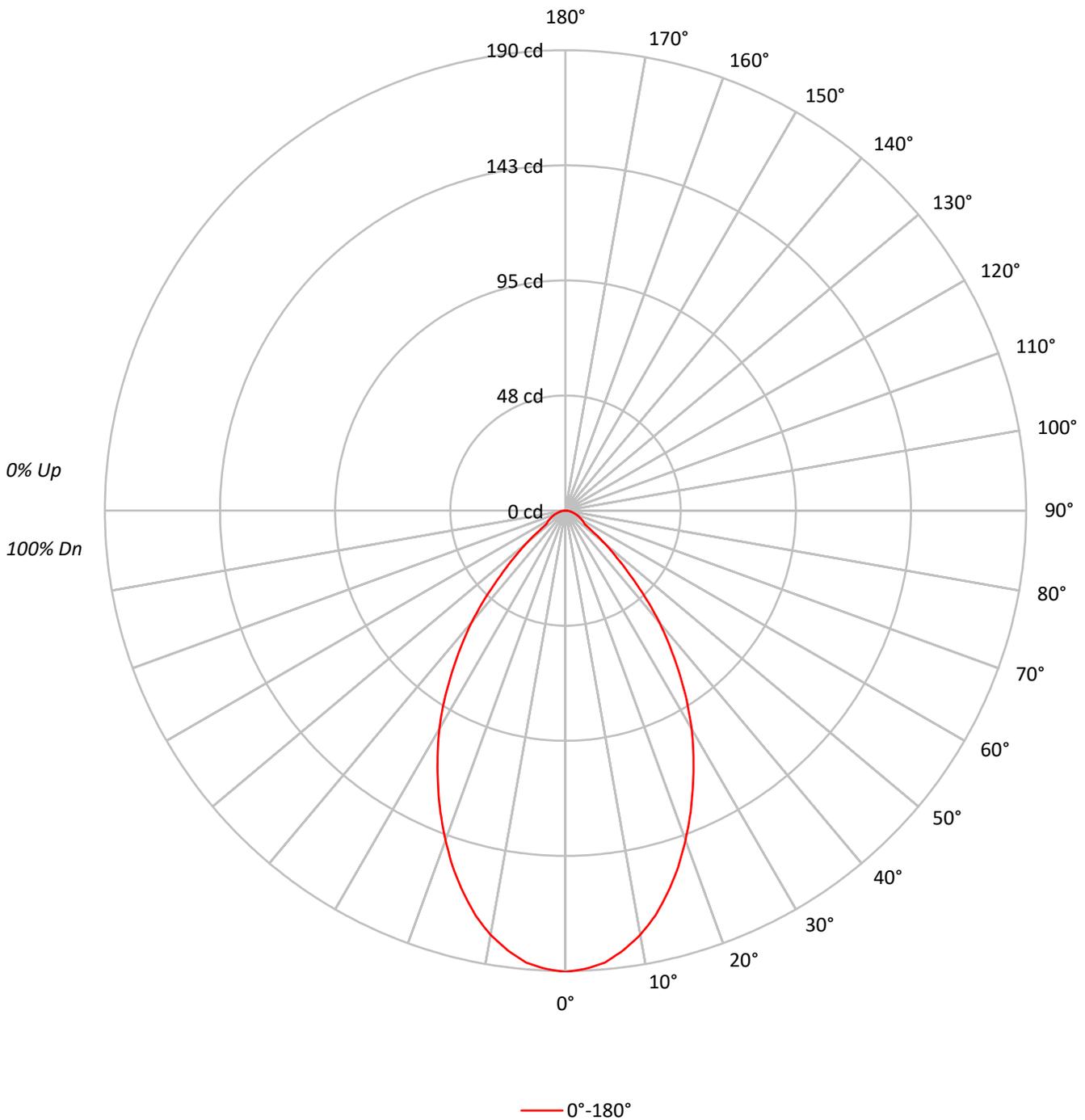
Test Method: LM-79-2019  
Report Number: P1256338  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R559040DE010 E3DLD1WMH  
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 90CRI , E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 222.0 lumens  
Efficiency: N/A  
Efficacy: 61.7 lumens/watt  
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 3.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	112	109	106	103	110	107	104	102	103	100	98	99	97	96	95	94	93	91			
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82			
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74			
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68			
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62			
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57			
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48			
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45			
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42			

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	41751
5°	41206
10°	39590
15°	37026
20°	33766
25°	30123
30°	26358
35°	21897
40°	17261
45°	11722
50°	7164
55°	3708
60°	3465
65°	3269
70°	3013
75°	2626
80°	2652
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 11722 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	17.6	7.9
10°-20°	45.6	20.5
20°-30°	57.1	25.7
30°-40°	51.0	23.0
40°-50°	29.8	13.4
50°-60°	10.3	4.6
60°-70°	6.2	2.8
70°-80°	3.4	1.5
80°-90°	1.0	0.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	120.2	54.2
0°-40°	171.2	77.1
0°-60°	211.3	95.2
0°-90°	222.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	222.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	190	
5°	187	18
15°	163	46
25°	124	57
35°	82	51
45°	38	30
55°	10	10
65°	6	6
75°	3	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	190.4
2.5°	189.3
5°	187.2
7.5°	183.0
10°	177.8
12.5°	171.2
15°	163.1
17.5°	154.4
20°	144.7
22.5°	134.8
25°	124.5
27.5°	114.3
30°	104.1
32.5°	93.1
35°	81.8
37.5°	70.8
40°	60.3
42.5°	49.0
45°	37.8
47.5°	28.8
50°	21.0
52.5°	13.6
55°	9.7
57.5°	8.7
60°	7.9
62.5°	7.1
65°	6.3
67.5°	5.5
70°	4.7
72.5°	3.9
75°	3.1
77.5°	2.6
80°	2.1
82.5°	1.3
85°	0.8
87.5°	0.5
90°	0.0

(END OF REPORT)